

Am. Sept. 3rd.

Cincinnati May 29th, 1834.

Dr. Torrey

Dear Sir,

LIBRARY
NEW YORK
BOTANICAL
GARDEN.

I have been a resident of this city about two months, a portion of which time, I have spent in herborizing in the neighbourhood. This region is remarkably similar in its vegetable productions to the central parts of Ohio. I have as yet added but few new species to my herbarium. I am intending about midsummer to make an excursion of a couple of months to the prairies of the Eastern and Northern parts of Indiana. From what I can learn from surveyors and others, I expect

to meet with much that is rich and rare. My principal motive for writing now, is to request you to inform me when your Synopsis of North American plants may be expected: also the size and probable expense of the work. I sent you a package of plants by Mr. Burr, a merchant of Columbus, about the first of last month. I presume you received them in time.

Among the specimens I ^{have} sent you, I think
No. 141 is *Betula rubra* (Ohio banks. ~~rare~~ rare.)
127. *Aspidium bulbiferum*. 143. *Lectea minor*?
No. 79. has the habit of *Solidago* rather than
of *Cacalia*. Flowers yellow, root perennial. Grows
abundantly on a wet prairie two miles south
of Columbus, the only place where I have
met with it. No. 122. *Aster* undescribed. Dr. Short
informs me that Dr. Boott of London, proposes
to call it *Aster Shortii*.

When you send me specimens, please
direct them to Robert Buchanan,
Cincinnati, and commit them to
Oliver J. Caldwell.

care of J. J. Bunnell & Co
New York.

Yours truly

J. L. Riddell.

P.S. Mr. Buchanan assures me that
Mr. Caldwell, will forward a package
by some private opportunity.
I mean to send you specimens of a
better size hereafter.

J. L. R.

They plunder
(I discover I must give
a list still more partial,
or I shall not have room)

TORREY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Convolvulus repens.
conduratus. arvensis.
et Enallus?
✓ Borularia (Aplectrum) hirsuta.
Cercopus triplex.
✓ Cornus paniculata, sericea,
coccinea, et alba.
Corydalis aurea.
formosa. cuscutaria (Eit.)
Crataegus, coccinea.
✓ ✓ Prunifolia, spathulata.
✓ apicifolia, cuscuta.
glandulosa, latifolia.
Banila mariana
Cephaelis viscaria.
Cypripedium
Carex americana
Cyanopodium pulchellum.
Cypripedium pubescens.
D. Delphinium fragaroides.
✓ Delphinium exaltatum?
Dentaria laciniata.
Dierilla canadensis.
Dioscorea villosa.
Dipsacus sylvestris
Discus palustris
Dracaenophyllum
virginianum.
✓ variegatum.
✓ viridatum.
E. Epigaea repens
Epiphegus virginianus.
Equisetum arvense.
sylvaticum uliginosum.
Erigeron 6 or 8 species
Eryngium aquaticum.
✓ Erythronium albidum.
Eumyrmus atropurpureus
✓ ————— obovatus.
Eupatorium sessilifolium
verticillatum.
ageratoides
aromaticum?
✓ celestinum
maculatum
Euphorbia corollata. obtusata
maculata.
F. Folia radiata.
✓ Fraxin carolinensis.
Fraxinus sambucifolia
occidentalis
juglandifolia
pubescens.
G. Galium tinctorium. obtusum.
aparinum. micranthum
hirsutum. hispidulum
triflorum. coccineum.
G. Gaura hirsuta. mollis
Gentiana, saponaria. quin-
queflora. crenata.
Geranium maculatum
Gerardia. flava. glauca.
pedicularia. tenuifolia

- Geum virginianum. album*
radiatum. pusilli?
Gillenia stipulacea
Gleditsia triacanthos
Gnaphalium americanum.
poliocephalum. virginicum.
Goodenia pubescens.
Gratiola virginica.
Gynerium noctuides canadensis.
Gynerium virginicum
Habenaria 3 species
Hedysarum canadense.
rotundifolium? paniculatum
strictum. laevigatum
acuminatum
Helenium autumnale
Helianthus trachelifolius
nullis-altissimus. gigans
teus, longifolius biuncatus
Melospiza tenuis.
Mesperis pinnatifida
Mesochera americana
Mieracium 3 or 4 species
Mourtonia purpurascens
longifolia
Hydraster canadensis
Hydrophyllum appendiculatum.
virginicum. canadense
Hypericum pyramidalum
corymbosum. paniculatum.
prolificum.
Hypoxis virginica.
laevigata
Hypoxis erecta
Hypoxis (Lupanthus) napeoides
Impatiens puberula. pallida.
Ionidium concolor
Iris versicolor.
Jeffersonia diphylla
juglans nigra. cinerea
Justicia pedunculata
Kalmia latifolia
Lemna minor
Lepidium virginicum.
Leptandra virginica
Lespedeza capitata. polystachia
angustifolia. violacea
divergens.
Liatis squarrosa. spicata
graminifolia
Lilium canadense.
Lindernia attenuata
Linum virginianum.
Liriodendron tulipifera
Lobelia cardinalis. claytoniana
Kalmii puberula. polyphylla
Lonicera flava.
Ludwigia alternifolia
Lycopodium annotinum.
Lycopus europaeus. virginicus.
Lysimachia ciliata. hybrida
revoluta. quadrifolia.
Lysium hypophyllum.
- M. Macrotis racemosa*
Magnolia acuminata
Malva longifolia
Martiana procumbens
Meconopsis diphylla (rare)
Melanthera virginica
Menispermum canadense.
doubtful species or var.
Monarda tenuis. borealis.
Microstylis ophioglossoides.
Mimulus alatus. ringens
Mitella diphylla
Mitchella repens
Monarda echinata
Monarda didyma. coccinea
clinopodia fistulosa
punctata. hirsuta.
Monotropa uniflora
Morus rubra
N. Nelsoniana lutea
(near Nelsoniana)
Neotoma tortilis.
Niphaea advena. sagittifolia
Nyssa multiflora
O. Oenothera fruticosa.
muricata. biennis.
Oenothera hispidula
Osmunda regalis
Ostrya virginica
Oxalis stricta. corniculata
recurva. Lyoni
Panace trifolia. quinque
Pasiflora lutea
Pentstemon sedoides.
Pentstemon pubescens.
Phacelia bipinnatifida
pinnatifida
Phalangium esculentum
Phlox paniculata.
maculata
divaricata
Physma leptostachya
Physalis viscaria. obscura
Plantago glabra. cordata
Platanus occidentalis
Polygonum
Polemonium reptans.
Polygala ambigua. zenz
egia. purpurea.
Polygonum. aviculare.
erectum. lupulifolium
punctatum. coccineum
mita hirsutum.
perricaria.
Polygonum canadense
undulata
Polygala vulgaris.
hexagonopterum.
Populus tremuloides.
Purpurea. decurrens.
heterophylla.
Porcellia triloba
Patersonia natans
plutens. recta natans.
- Potentilla canadensis.*
hirsuta. norvegica.
Prenanthes serpentina
virgata. dolwiclea
Prinos verticillatus.
Ptelea trifoliata
Salmonia virginica
Prenanthes incana.
virginica.
Myrica rotundifolia
Pyrus coronaria
Quercus imbricaria. discolor
rustica. obtusiloba
macrocarpa olivacea. flor
nis. alba. montana
castanea. bicolor
R. Ranunculus flammula.
abortivus. pennsylvanicus
laevigatus.
recurvatus. multifidus.
panicularis. rivales?
Rhus glabra. toxicodendron
aromaticum.
Ribes hirtellum.
Roselia virginiana
Rosa blanda 3 more species.
Rubus occidentalis.
strigosus. trivialis.
Rudbeckia purpurea
hirta. triloba
laciniata
Ruellia strepens.
oblongifolia
Rumex sanguineus &c
Sabbatia angularis
Sagittaria sagittifolia
hastata. obtusa. virida
Salix myricoides. patenta
nitida. rosmarini
folius &c.
Salvia claytoni
Sambucus racemosa
Sanguinaria canadensis
Sanguinaria canadensis
Sanicula marylandica
Saxifraga pennsylvanica
Schallera graminifolia
Schrankia uncinata
(erotic here)
Serophularia marylandica.
Scutellaria lateriflora.
cordifolia. ambigua.
serata.
Sedum ternatum
Senecio gracilis
hieracifolius.
Sisyl? divaricatum?
Sisyl angulata
Sida spinosa. abutilon.
Silene regia. doubtful
species.
Silphium perfoliatum.
atro. purpureum. pinnati-
fidum. leucanthaceum.
laciniatum.

Dison? aureus?
V. Dison integrissimus.
Dissymbrium officinale
Sisyrinchium anceps
Dium latifolium.
tricuspidatum
Smilax rotundifolia
pseudo-china, pedunculata
ularis, walteri, cuneata
ifolia
Myrsine cordatum
Solanum dulcamara
Solidago 10 or 12 species
as stricta latifolia &c
Donchus arvensis.
steraceus.
Spiraea salicifolia, sp.
lipolia, lobata, arunc-
cus.
Stachys sylvatica
Staphylea trifolia
Stellaria palustris
Symphoricarpos?
Desmodium canadense
Thalictrum dioicum
purpurascens, rufosum,
revolutum, cognatum.
Thesium (Comandra)
umbellatum.
Tradescantia virginica
Trifolium procumbens
Trillium sessile.
grandiflorum.
versicolor, latifol-
ium
Triosteum perfoliatum
Typha angustifolia
U. Alnus americana
fulva.
Urtica hirsuta
canadense
Urtica humilis, dioica,
canadensis.
Utricularia scutophylla
Utricularia perfoliata
grandiflora.
versifolia
Vaccinium virgatum
corymbosum.
Valeriana pauciflora.
Valisneria spiralis.
Verbascum blattaria
Verbena strictifolia
hirsuta.
Vernonia procurrens.
corymbosa.
Veronica arvensis
anagalis, scutellata,
pergrina
Viburnum prunifolium
lentago, dentatum
pubescens, acerifolium.
Vicia americana
bidentata?
(I have not looked closely)

Viola cucullata,
affinis, pubescens,
rostrata, debilis?
Vitis labrusca, vulpina
aestivalis
W. Woodwardia virginica
Xanthoxylum
Hyris caroliniana
Hemithysanthes praevenum

Alternanthera tenifolia,
ovalis,
Epilobium palustre
lineare.



Washington, Sept. 6th 1833.

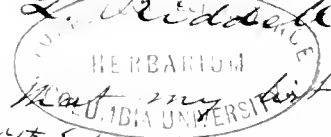
Dr Torrey Dear Sir

I received your letter last evening, and am much obliged to you for the material assistance you have rendered me. I would thank you to give me some directions respecting the manner in which you prefer to have plants put up; grasses, mosses and lichens in particular. Mention the most eligible size of specimens. I have four or five suits of most of the plants in the list I send you, and the specimens generally are of such a size, that each requires a sheet of foolscap paper. Perhaps you like them larger. Juniperus No. 3, grows near Marietta, and I have written to Mr. Hildreth, requesting him to send it in its different stages of growth. The tree from which I obtained specimens was 15 or 20 feet in height.

I hope to hear from you soon, that I may avail myself of the earliest opportunity for sending you such plants as you may request. I should prefer American plants in such cases.

Yours truly John L. Riddell.

P.S. I omitted to mention that my list corresponds to *Edwards Manual 5th Ed.* Please mention some of the best works which would facilitate the study of Western plants. I should be gratified to know when you intend publishing again. J.L.R.



Aug 9 Nov 1st -

Sept 33

Washington
Sept 7

~~Sept 25~~

John Torrey M.D.
Prof in Medical College,
New York.

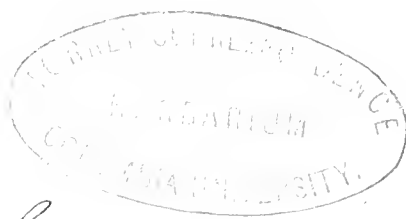
J. M. Allen

And

Wth Washington Ohio. 23. Sept. 1893.

Mr Torrey

Dear Sir



I should regret losing the present opportunity, so I send you something at hazard. I shall be obliged to you for names, corrections &c. which you can transmit by mail or by Mr. Spencer, the gentleman who has taken charge of the plants. He will return soon, and I will thank you to send by him a few ferns, if you have them to spare. I have made excursions among the prairies since I wrote you, and could considerably enlarge the catalogue I sent you, if I had time before Mr. Spencer will leave.

Yours truly

John L. Riddell.

New York Oct 9 1833
In reply to Mr. Middel's request I write
to inform you that I hope at the
North House No 5 Courtland St
where I shall remain for
2 or 3 days.

Yours
M. S. Spencer

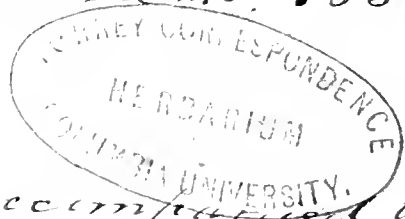
Should you not call for the
Plants I shall have them in the
care of the herbarium
M. S.

Recd. Jan'y. 9th -

And. Apr. 19th -

Dear Sir.

New Orleans, 20th Decmbr. 1836.



Your letter of Nov. 2nd, accompanied with a package of plants, was transmitted to me from Cincinnati by my friend Robert Buchanan. The specimens came uninjured and are very acceptable. I have transferred my residence permanently as I suppose to this city; for besides having private affairs here to see to, which will always require some of my attention I have accepted the professorship of Chemistry in the Medical ^{College of Louisiana} ~~School~~ established a year or two since. My attention is so engrossed with chemistry that I fear I cannot look over my duplicates before Spring. I will then at partest send you such specimens as I think you desire. Of some of my most interesting plants I have no duplicate specimens. Gladly in affording any facility in your great undertaking, I will loan you such specimens, and you may return them at a future time. I now expect that I shall devote most of next season to botanical explorations in these parts, and if health permit I promise myself many a rich treat, with the rarely seen or unknown productions. Of course I shall constantly bear in mind my botanical friends at a distance.

If you can procure some bookseller to send me the 3^d volume of the Annals of the Lyceum of Nat. Hist. I will remit the pecuniary equivalent to order.

Those published papers which I sent you, were prepared under disadvantages, and in some instances without that care and scrutiny necessary to insure accuracy. I will here mention such errors of importance as have come to my knowledge.

Synopsis Sp. 543. I am satisfied there are only two species of *Asclepias* in Ohio. *A. Flava* & *A. Chironia*. The fruit of *A. Chironia* is echinate, that of *A. flava* generally smooth, yet in many instances the latter is somewhat echinate. Four miles below Cincinnati, by the road near a marsh, a tree of *A. flava* ^{has nuts} completely armed with spines.

Sp. 669 & 670. I am told are *Asclepias*.

Sp. 801. to 804. I am doubtful of my new *Prenanthes*: for I frequently find intermediate specimens, which will answer to none of my descriptions.

Sp. 920. *Solidago Chironia*. I sent the plant to you in 1833, not quite mature enough. Mr. VanCleve thinks it is *S. stricta* At.

Sp. 921. I sent you this in 1833.

Sp. 1134. I can send you any number of specimens.

Sp. 1367. Synonymous with *Hydrophyllum macrophyllum*, Nutt. Have many specimens.

~~Sp. 1367.~~

During a ramble last summer in the Wyandott reserve, Ohio. I found plenty of a *Thalictrum* growing in "Prairie swales," or marshes, which must be new. (When I commenced this paragraph I supposed I could lay my hand on, and copy the description for you.)

Sp. 1800. *Trillium nivale*. I sent you this. Add. peduncles nodding when mature, petals sometimes striated with delicate pink lines.

It has been found near Springfield in Livingston ravine.
It sometimes grows 6 inches high.

Sp. 1793. & 1794. I believe I can send
specimens of these Chatae.

Supplement.

Cuculia tuberosa Nutt.? Root luteous.

Can send you *Helianthus occidentalis*,
Scutellaria succulida, *Slackia cordata* & *glabra*,
Aronia latifolia.

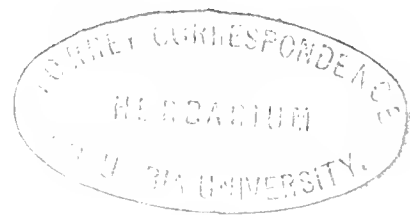
The collections of Dr. Trunk who died
last fall in this city were sent to Germany.

Yours truly

J. L. Riddell

312 Camp St. Corner
of Bartholomew St.

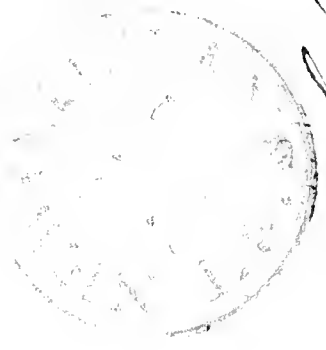
Dr. John Torrey.



P. S. Books or packages for me may be
sent to the care of Yorke Brothers, Commission
Merchants, 65 Camp St.

12

11-11-11



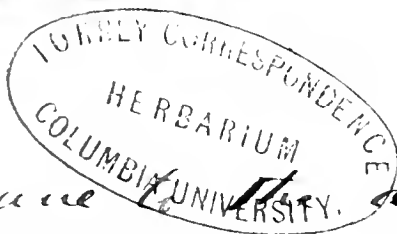
John Torrey, M.D.
Medical College,
New York City.

Am. July 5th 1838

New Orleans October 21. 1837.

Recd Nov. 6

Dear Sir,



Yesterday gave the agent of the
Brig Margaret, bound for New York, a considerable
bundle of dried plants, for Dr. Gray and yourself.
I shall send the bill of lading to Dr. Gray; - in his
absence you will do well to call for it on board
the brig. She leaves this port in less than a week.

Having been kept at home in the early
part of the season by domestic afflictions, and
later by the Yellow fever, from which I have
suffered, I have rumpled and collected much less
than I had promised myself. But as I am
permanent here, I hope for better fortune another
year.

I have not yet received the Annals of the
New York Lyceum. If it has been or should be
sent by ship, I wish the Cor. Secretary would
advise me - if by mail. The equivalent I will
remitt by mail or pay to a bookselling agent here.

For me the favor to reply by letter, when the
package of plants comes to hand.

Where is Dr. L. C. Beck? I have sent him
two packages of Western plants - never heard
that he received them. Rafinesque's *Flora*
Andropogoniana applies about as much to

Colima with clays to this district.
San Michax, Flora borealis americana, be
be preserved in New York?

Yours truly
J. L. Riddell.

Dr. J. Torrey.



New Genus.
Nat. Ord. Capparidæa.

Sepals 5, lance-linear, acute; petals 5, spatulate, obtuse; stamens 9 to 28, arising from the receptacle, style short, siliqua 2-valved, 2-celled, many seeded.

Root annual, branching and fibrous; stem slightly clothed with a declined pubescence, branching; leaves alternate, distant, oblong and oblong lanceolate, orenate = serrate, usually acute, obliquely sub-truncate at base, rugose, glabrous above, slightly pubescent on the veins and midrib ~~above~~ beneath, from an inch to an inch and a half in length; petioles pubescent, one third as long as the leaves; stipule 2, minute, sub-terete, subulate, hirsute, one on each side the petiole; peduncles much shorter than the petioles, pubescent, having at base 3 minute, reddish, terete, pointed bracts; flowers solitary, seldom in pairs, extra-axillary, opposing the leaves! i. e. The peduncle is attached to the branch at a point nearly opposite the origin of the petiole.

Sepals 5, lance-linear, acute, yellow and purple, and hairy outside, yellow and glabrous inside; petals 5, yellow, glabrous, spatulate, rounded at the end, a little shorter than the calyx; stamens equalling the petals, yellow, arising from the receptacle, and varying in number from 9 to 28; style short, glabrous; pericarp a long linear, sub-terete, pointed, slightly curved, oblately compressed, 2-valved, 2-celled pod, the partition of which is transverse to the plane of dehiscence. Seed numerous, in two rows, cylindrical, truncate, black when mature.

Flowers from July to Oct. grows from 1 to 2 feet high in fields and by way sides, about New Orleans. Herbage mucilaginous. Rabinesque proposes that it should be called Riddellia antiphylla.

Nov. 1838

J. L. RIDDELL, M.D.
NEW ORLEANS.

[Crochoma filigerosus!]
J. J.

